

### 3. CLAIMS:

What is claimed is:

Claim 1: An offshore energy platform comprising;

- a. a rigid structure having at least one above surface platform and attached by attachment means to a stationary subsurface medium;
- b. said rigid structure having means to support a subsurface water current driven turbine capable of producing rotational energy;
- c. the rigid structure having additional means to support an above surface wind driven turbine capable of producing rotational energy;
- d. said water current driven turbine and said wind driven turbine attached by attachment means to electrical energy producing generators;
- e. said electrical energy producing generators attached by attachment means to an electrical grid in order to transfer electrical energy from the electrical energy producing generators to one or more user recipients.

Claim 2: An offshore energy platform of Claim 1, wherein multiple subsurface water current driven turbines are attached by attachment means to the substructure of said offshore energy platform.

Claim 3: An offshore energy platform of Claim 1, wherein multiple above surface wind driven turbines are attached

by attachment means to one or more above surface platforms.

Claim 4: An offshore energy platform of Claim 1, wherein a subsurface water current driven turbine and an above surface wind driven turbine share a common electrical energy producing generator.

Claim 5: An offshore energy platform of Claim 1, wherein said rigid structure is buoyant and attached by attachment means to a stationary subsurface medium using one or more cables.